

In the claims:

1 (Currently Amended). An atomizer for paper making comprising a housing, said housing having three inlets, three channels each including a nozzle in communication respectively with said inlets, said three inlets comprising a fluid-receiving first inlet, a fluid-receiving second inlet, a liquid-receiving third inlet, one of said channels being the innermost channel, said innermost channel being associated with said third inlet, ~~and being uniform in diameter and~~ the one of said nozzles associated with said innermost channel extending outwardly of said housing beyond the other two of said nozzles, and said innermost channel being uniform in diameter from said liquid-receiving third inlet to the outer end of said nozzle.

2 (Original). An atomizer according to claim 1 wherein said first fluid-receiving inlet comprises an air-receiving inlet.

3 (Original). An atomizer according to claim 1 wherein said first fluid-receiving inlet comprises a gas-receiving inlet.

4 (Original). An atomizer according to claim 1 wherein said first fluid-receiving inlet comprises a steam-receiving inlet.

5 (Original). An atomizer according to claim 1 wherein said second fluid-receiving inlet comprises a water-receiving inlet.

6 (Original). An atomizer according to claim 1 wherein said second fluid-receiving inlet comprises a coolant-receiving inlet.

7 (Original). An atomizer according to claim 1 wherein said second fluid-receiving inlet comprises a lubricant-receiving

inlet.

8 (Original). An atomizer according to claim 1 wherein said second fluid-receiving inlet comprises a gas-receiving inlet.

9 (Original). An atomizer according to claim 1 wherein said fluid-receiving inlet comprises a steam-receiving inlet.

10 (Original). An atomizer according to claim 1 wherein said second fluid receiving inlet comprises an air-receiving inlet.

11 (Original). An atomizer according to claim 1 wherein an angular swirling member is coaxially disposed in said housing with respect to said second nozzle.

12 (Original). An atomizer according to claim 11 wherein the inner diameter of said swirling member is equal to the inner diameter of said second nozzle and wherein the associated end of said second nozzle is disposed in abutting relationship with said swirling member.

13 (Canceled).

14 (Canceled).

15 (Canceled).

16 (Canceled).

17 (Canceled).

18 (Canceled).

19 (Previously Presented). An atomizer comprising a housing, said housing having three inlets, three channels each including a nozzle in communication respectively with said inlets, said three inlets comprising a fluid-receiving first inlet, a fluid-receiving

second inlet, and a liquid-receiving third inlet, an angular swirling member coaxially disposed in said housing with respect to said second nozzle, the inner diameter of said swirling member being equal to the inner diameter of said second nozzle, and the associated end of said second nozzle being disposed in abutting relationship with said swirling member.

20 (Currently Amended). An atomizer comprising a housing, said housing having three inlets, three channels each including a nozzle in communication respectively with said inlets, said three inlets comprising a fluid-receiving first inlet, a fluid-receiving second inlet, a liquid-receiving third inlet, one of said channels being an inner channel, said inner channel associated with said third inlet and being uniform in diameter, ~~and the~~ one of said nozzles associated with said inner channel extending outwardly of said housing beyond the other two of said nozzles, an angular swirling member coaxially disposed in said housing with respect to said second nozzle, the inner diameter of said swirling member being equal to the inner diameter of said second nozzle, and the associated end of said second nozzle being disposed in abutting relationship with said swirling member.

21 (Previously Presented). An atomizer according to claim 1 wherein a nozzle is in communication with at least one of said channels.

22 (Previously Presented). An atomizer according to claim 1 wherein said fluid issues from said nozzle at a pressure less than

100 bar.

23 (Previously Presented). An atomizer according to claim 1 wherein said channels are generally concentric and wherein the inner one of said channels is coated in part with nonstick material.

24 (Previously Presented). An atomizer according to claim 23 wherein the edge of said inner channel nozzle is sharp.

25 (Previously Presented). An atomizer according to claim 1 wherein one of said channels is an inner channel and another of said channels is a middle channel and wherein said inner and middle channels are separated by heat resistant material.

26 (New). An atomizer comprising a housing, said housing having three inlets, three channels each including a nozzle in communication respectively with said inlets, said three inlets comprising a fluid-receiving first inlet, a fluid-receiving second inlet, a liquid-receiving third inlet, one of said channels being the innermost channel, said innermost channel being associated with said third inlet and being uniform in diameter, the one of said nozzles associated with said innermost channel extending outwardly of said housing beyond the other two of said nozzles, and an angular swirling member coaxially disposed in said housing with respect to said second nozzle.

27 (New). An atomizer according to claim 26 wherein the inner diameter of said swirling member is equal to the inner diameter of said second nozzle and wherein the associated end of said second

nozzle is disposed in abutting relationship with said swirling member.